

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109975.D
 Acq On : 18 Oct 2018 22:46
 Operator : JU/SJ
 Sample : J5569-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9S

Quant Time: Oct 19 05:23:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	184931	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	707387	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	318549	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	539355	20.00	ng	0.00
76) Chrysene-d12	14.15	240	349136	20.00	ng	-0.01
87) Perylene-d12	15.68	264	379881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	552876	47.39	ng	0.00
7) Phenol-d6	6.59	99	424344	29.29	ng	-0.02
23) Nitrobenzene-d5	7.54	82	925239	88.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	322609	116.98	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1601280	80.21	ng	0.00
79) Terphenyl-d14	13.09	244	1260947	75.84	ng	-0.01

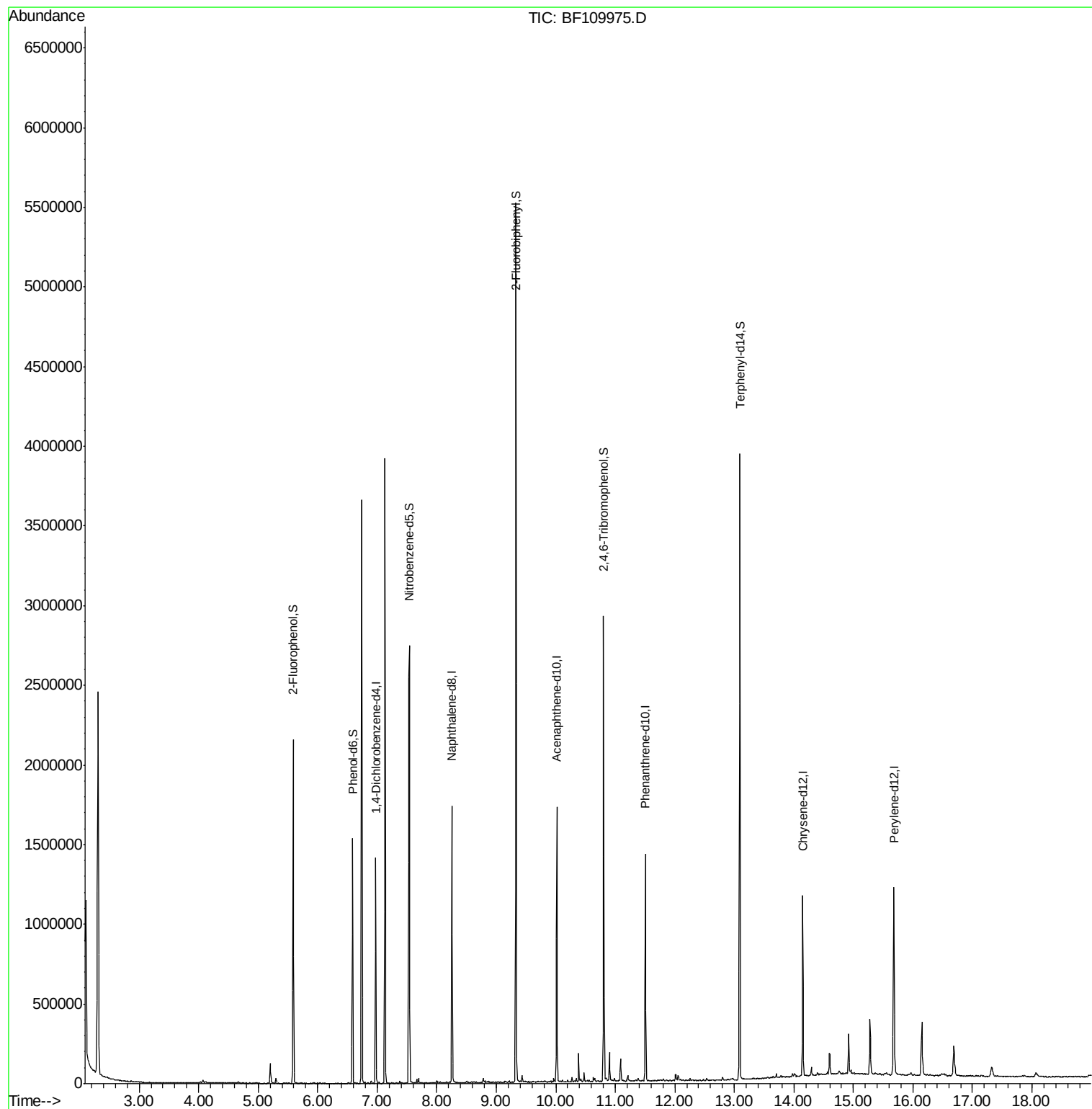
Target Compounds Qvalue

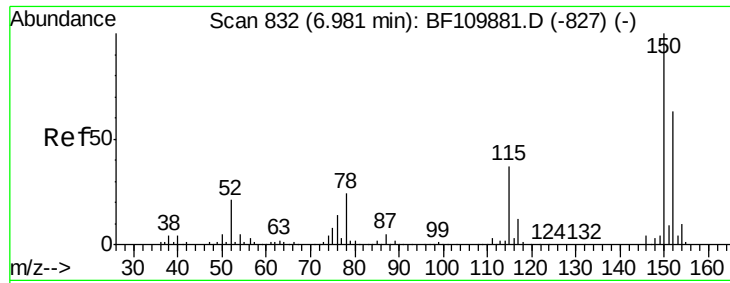
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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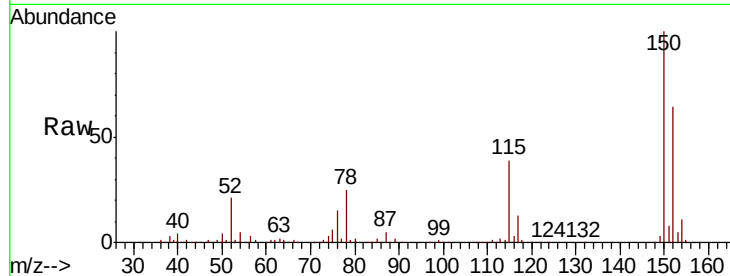


#1

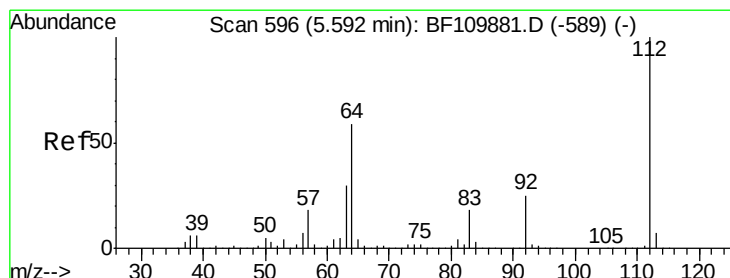
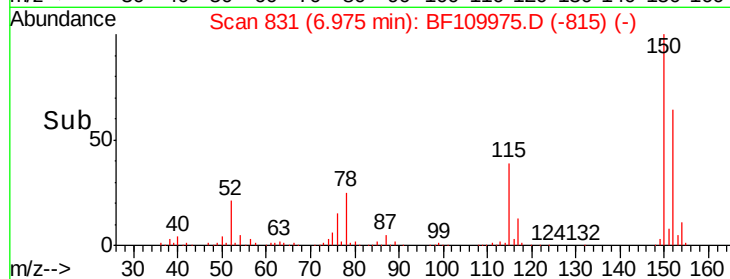
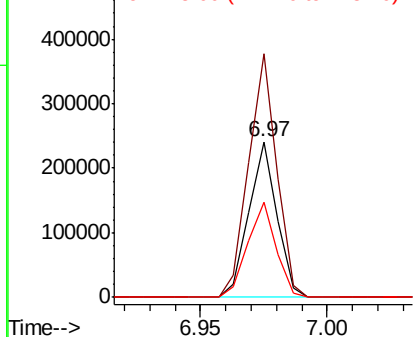
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9S

Tot Ion:152 Resp: 184931
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 60.8 49.1 73.7



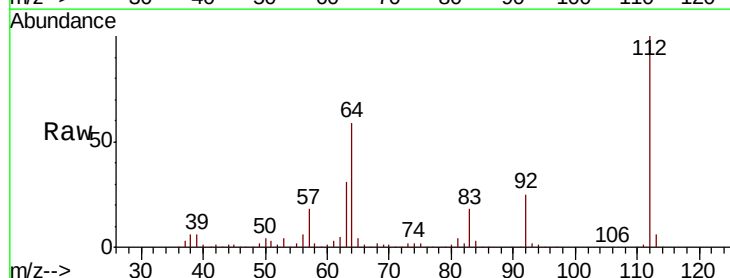
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



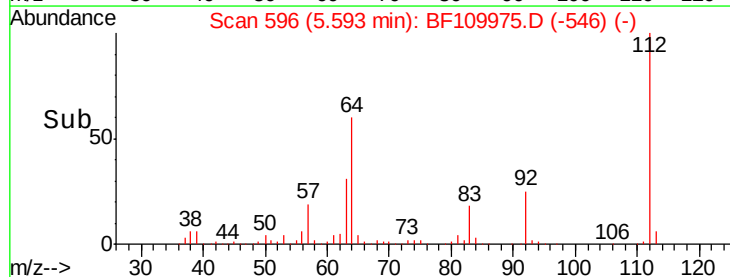
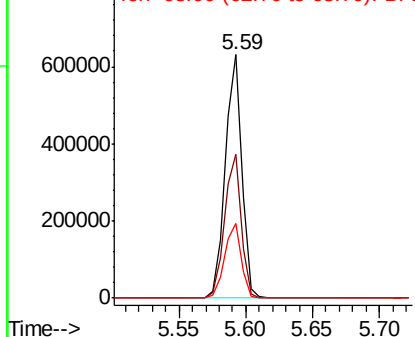
#5

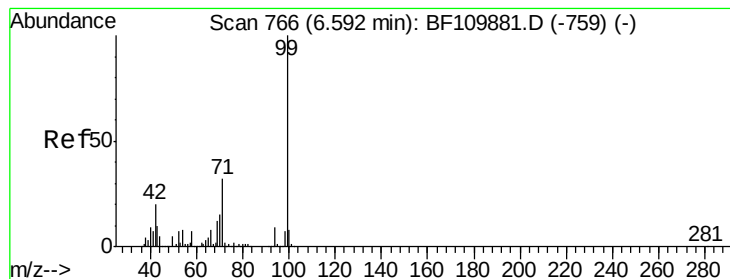
2-Fluorophenol
Concen: 47.390 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Tgt Ion:112 Resp: 552876
Ion Ratio Lower Upper
112 100
64 58.9 44.1 66.1
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.292 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109975.D

Acq: 18 Oct 2018 22:46

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9S

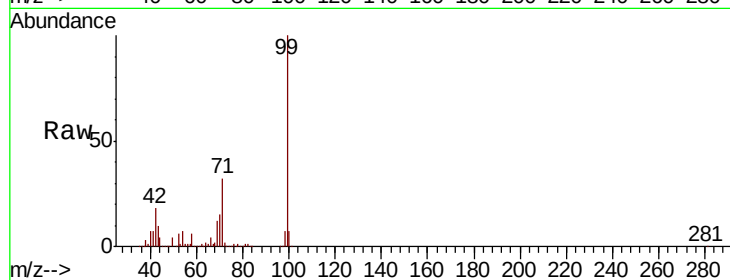
Tot Ion: 99 Resp: 424344

Ion Ratio Lower Upper

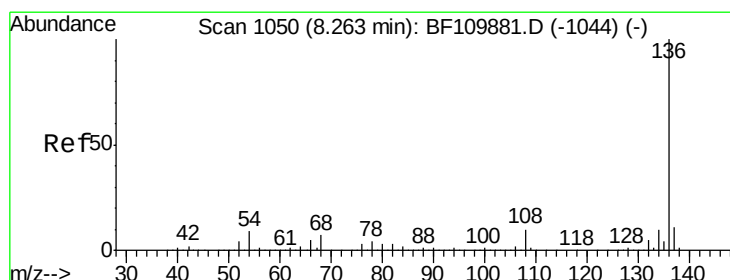
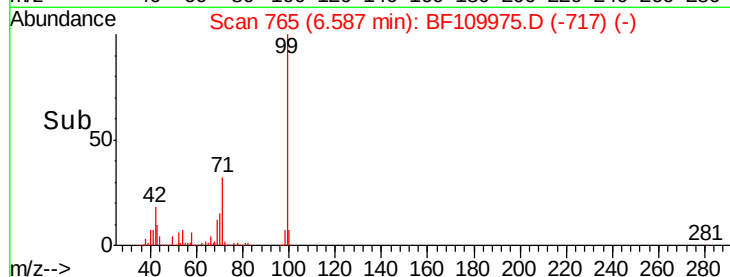
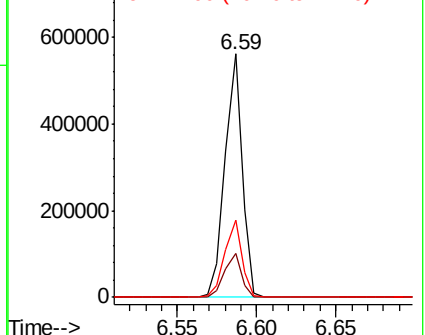
99 100

42 18.2 15.8 23.6

71 31.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109975.D

Acq: 18 Oct 2018 22:46

Tgt Ion: 136 Resp: 707387

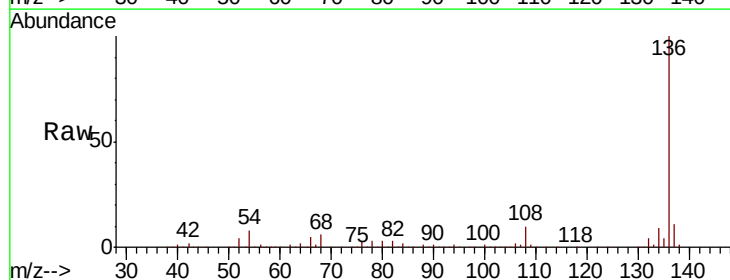
Ion Ratio Lower Upper

136 100

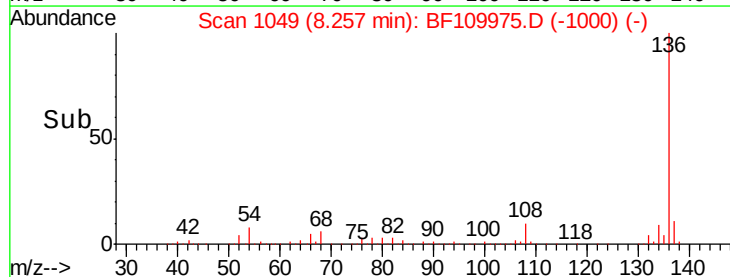
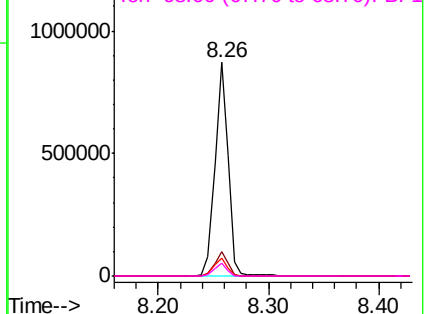
137 11.2 8.8 13.2

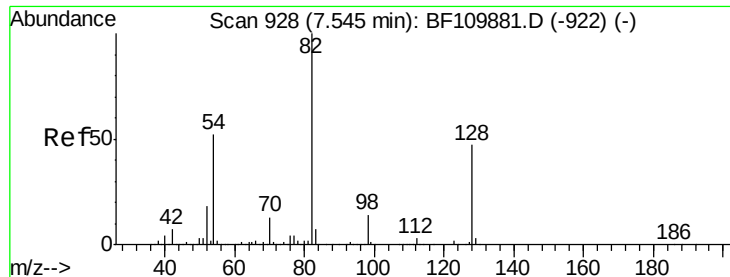
54 8.4 5.4 8.2#

68 5.9 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

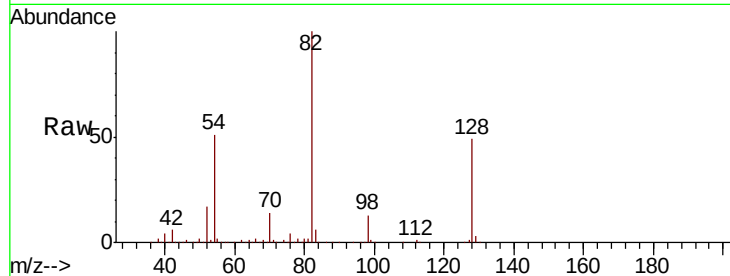




#23
Nitrobenzene-d5
Concen: 88.110 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9S

Tot Ion	82	Resp	925239
Ion Ratio	Lower	Upper	
82	100		
128	48.6	34.2	51.2
54	51.3	38.6	58.0

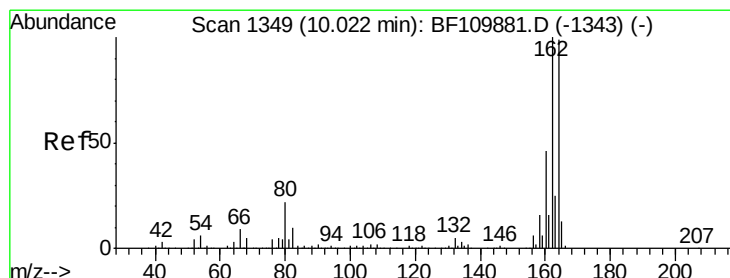
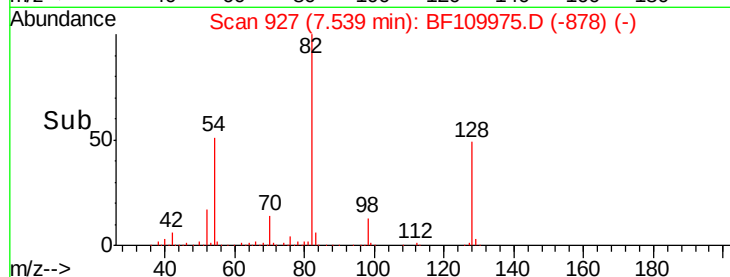
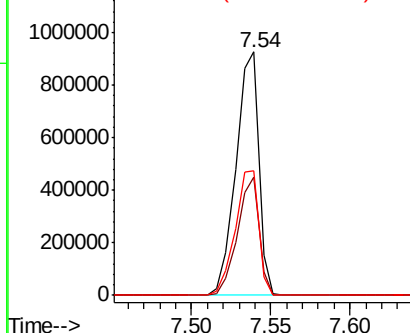


Abundance

Ion 82.00 (81.70 to 82.70): BF1

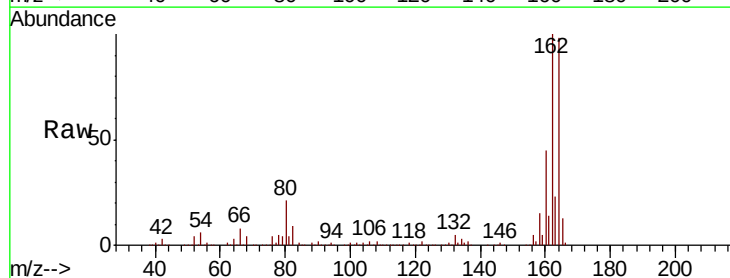
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Tgt Ion	164	Resp	318549
Ion Ratio	Lower	Upper	
164	100		
162	101.5	83.0	124.6
160	46.1	37.0	55.6

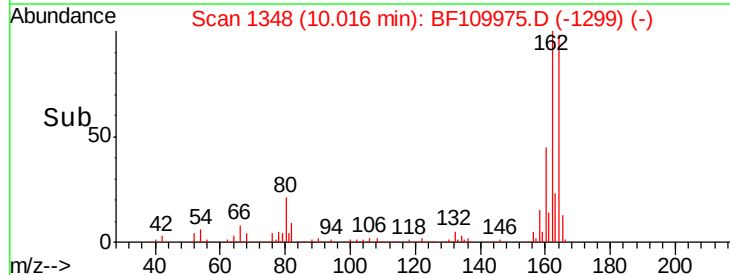
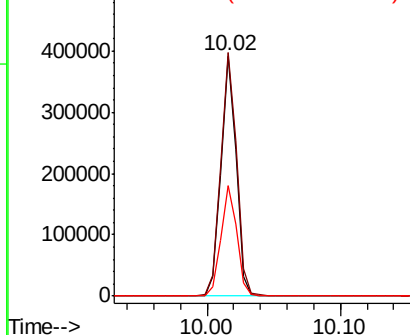


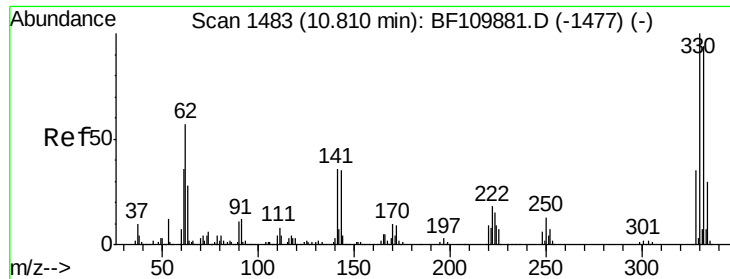
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

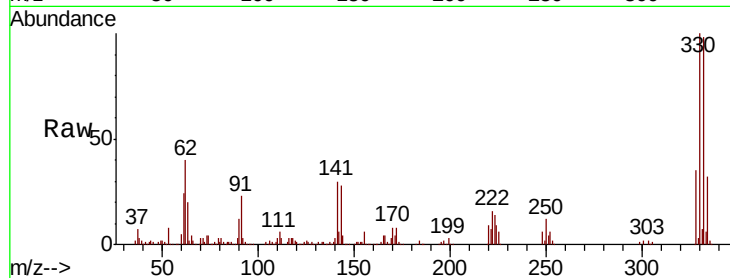




#42
 2,4,6-Tribromophenol
 Concen: 116.976 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	36.5	27.0	40.4

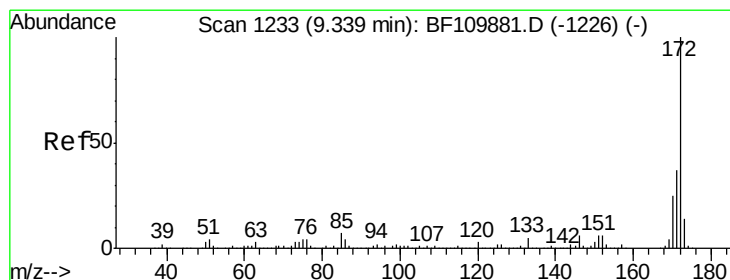
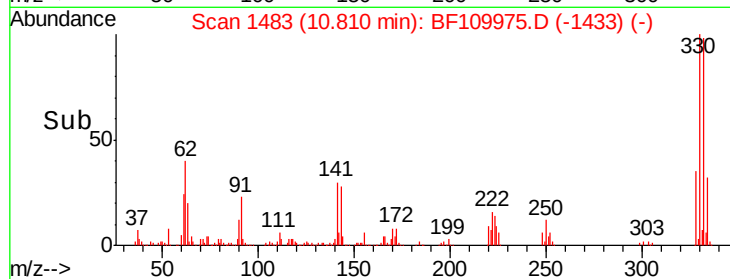
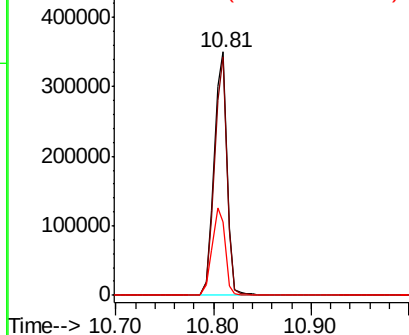


Abundance

Ion 329.80 (329.50 to 330.50): E

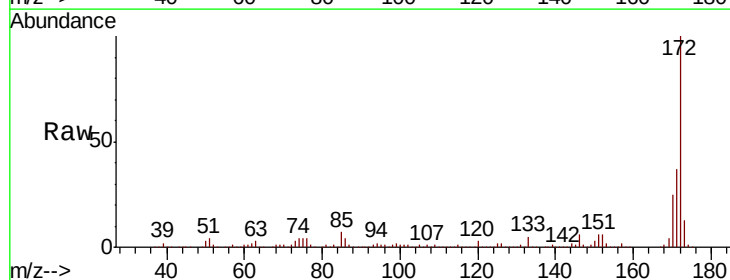
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.210 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	24.5	19.7	29.5

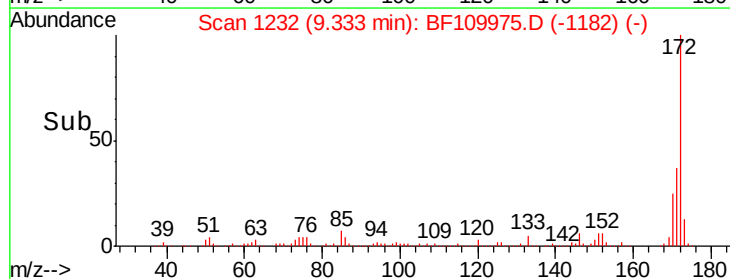
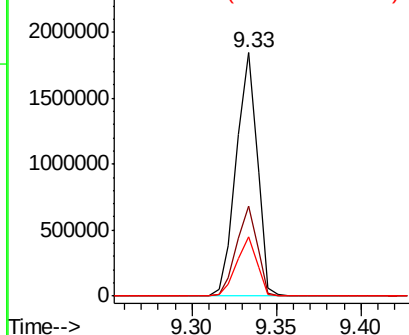


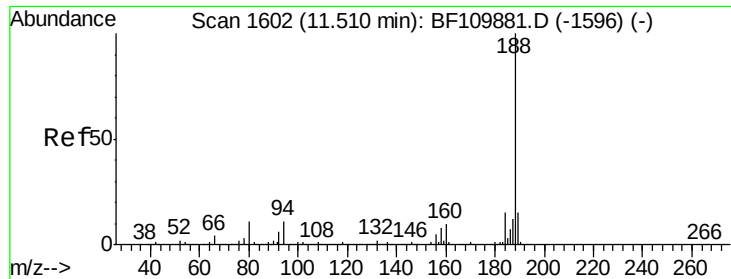
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109975.D

Acq: 18 Oct 2018 22:46

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9S

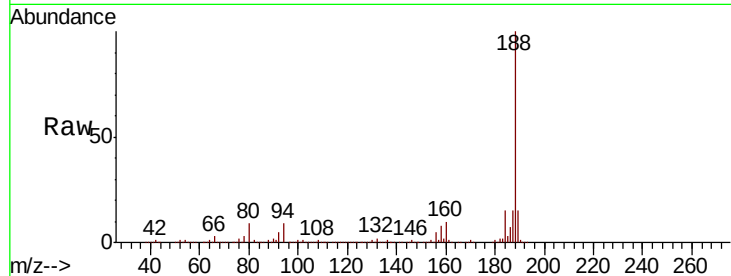
Tot Ion:188 Resp: 539355

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

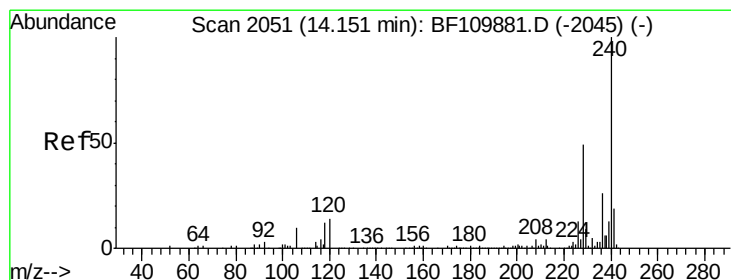
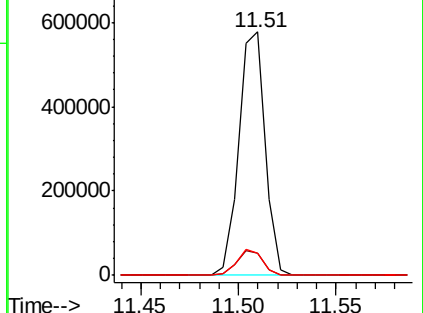
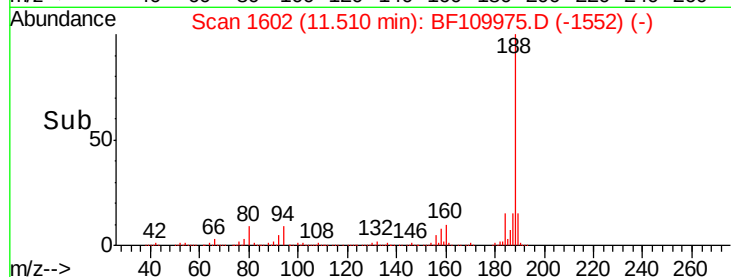
80 9.2 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109975.D

Acq: 18 Oct 2018 22:46

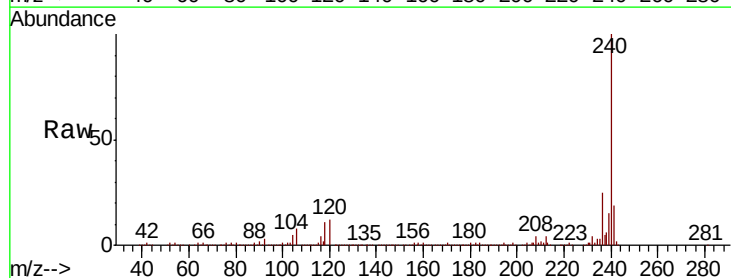
Tgt Ion:240 Resp: 349136

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

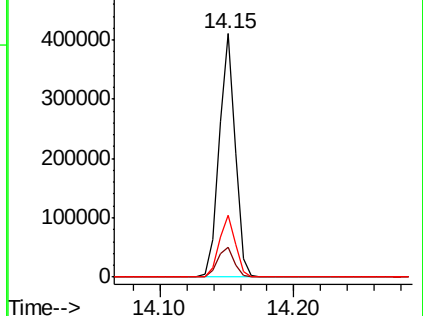
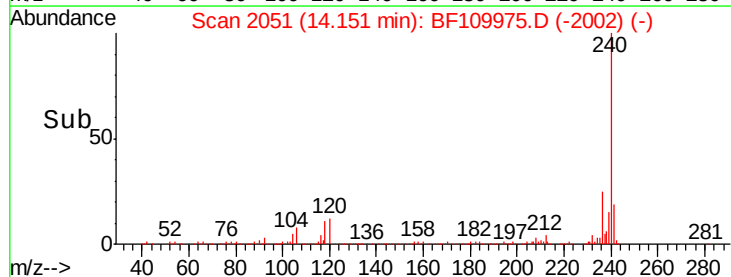
236 25.4 21.2 31.8

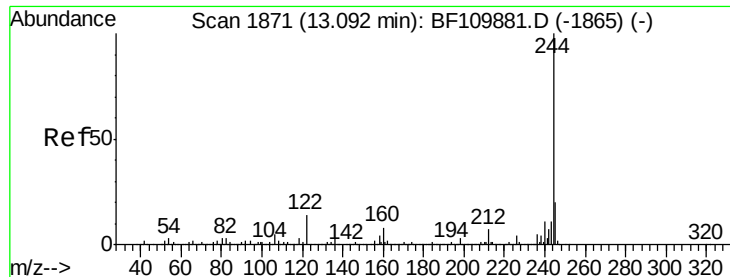


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

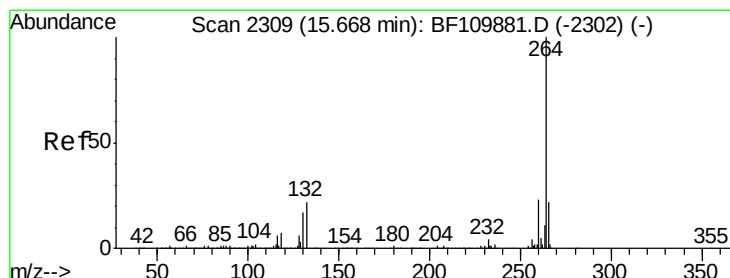
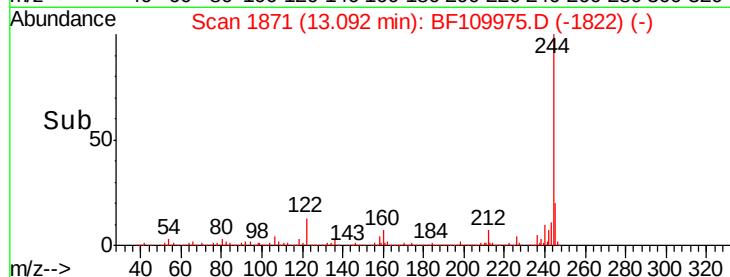
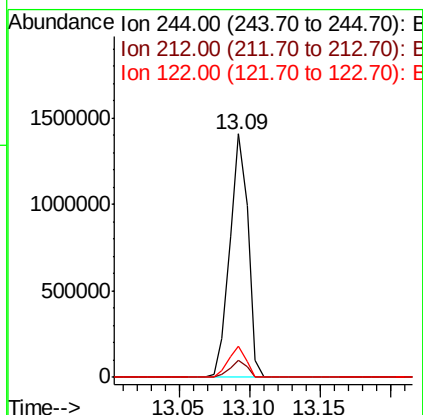
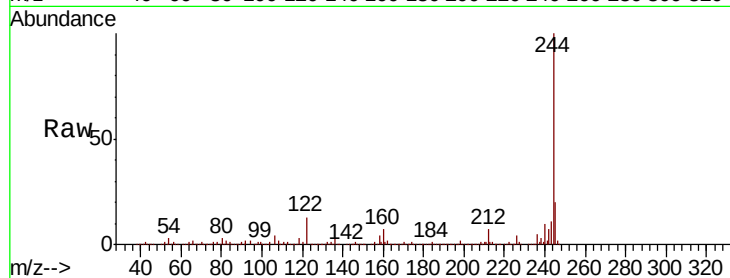




#79
 Terphenyl-d14
 Concen: 75.841 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9S

Tot Ion:244 Resp: 1260947
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.8 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Tgt Ion:264 Resp: 379881
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.7 28.1
 265 20.7 16.7 25.1

